

10/580822

SEQUENCE LISTING

AP20 Rec'd PCT/PTO 20 JUL 2006

<110> Otsuka Pharmaceutical Co., Ltd.

<120> epitope peptide which is recognized by HLA-A2402-restricted and Ep-CAM-specific CTL

<130> 8132003JP

<150> JP 2004-11752

<151> 2004-01-20

<160> 11

<170> PatentIn version 3.1

<210> 1

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Ep-CAM epitope peptide candidate being capable of inducing HLA-A2402-restricted CTL

<400> 1

Arg Tyr Gln Leu Asp Pro Lys Phe Ile
1 5

<210> 2

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Ep-CAM epitope peptide candidate being capable of inducing HLA-A2402-restricted CTL

<400> 2

Tyr Tyr Val Asp Glu Lys Ala Pro Glu Phe
1 5 10

<210> 3

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Ep-CAM epitope peptide candidate being capable of inducing HLA-A2402-restricted CTL

<400> 3

Asn Tyr Lys Leu Ala Val Asn Cys Phe
1 5

<210> 4

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Ep-CAM epitope peptide candidate being capable of inducing HLA-A2402-restricted CTL

<400> 4

Leu Tyr Glu Asn Asn Val Ile Thr Ile
1 5

<210> 5

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Ep-CAM epitope peptide candidate being capable of inducing HLA-A2402-restricted CTL

<400> 5

Leu Phe His Ser Lys Lys Met Asp Leu
1 5

<210> 6

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Ep-CAM epitope peptide candidate being capable of inducing HLA-A2402-restricted CTL

<400> 6

Lys Tyr Glu Lys Ala Glu Ile Lys Glu Met
1 5 10

<210> 7

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Ep-CAM epitope peptide candidate being capable of inducing HLA-A2402-restricted CTL

<400> 7

Glu Met Gly Glu Met His Arg Glu Leu
1 5

<210> 8

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> oligonucleotide used as PCR primer

<400> 8

atggcgcccc cgcaggtcct

20

<210> 9

<211> 30

<212> DNA

<213> Artificial Sequence

<220>

<223> oligonucleotide used as PCR primer

<400> 9

ttatgcattg agttccctat gcatctcacc

30

<210> 10

<211> 27

<212> DNA

<213> Artificial Sequence

<220>

<223> oligonucleotide used as PCR primer

<400> 10
cgttatcaac tggatccaaa atttatc

27

<210> 11
<211> 30
<212> DNA
<213> Artificial Sequence
<220>
<223> oligonucleotide used as PCR primer

<400> 11
tattatggttg atgaaaaagc acctgaattc

30

<210> 12
<211> 11
<212> PRT
<213> Artificial sequence
<220>
<223> Ep-CAM epitope peptide candidate being capable of inducing HLA-A0201-restricted CTL

<400> 12

Tyr	Gln	Leu	Asp	Pro	Lys	Phe	Ile	Thr	Ser	Ile
1				5					10	